

WHAT IS CLAIMED IS:

1. A flame resistant thermoplastic molding composition containing A) polycarbonate and/or polyester carbonate and B) a graft polymer impact strength modifier, wherein the ratio Z of the rubber containing portion B_a contained in component B to the rubber free portion K of vinyl(co)polymer in the composition is greater than 1.

2. A flame resistant thermoplastic molding composition containing (A) a polymeric resin selected from at least one of polycarbonate and polyester-carbonate and (B) a graft polymer impact strength-modifier, the composition having a notch impact strength of more than 20 kJ/m², determined in accordance with ISO 180 1A at -20 °C.

3. The composition of Claim 1 characterized in that its flame resistance is V-0 according to UL 94 V at a thickness of the test bar of ≤ 3.2 mm.

4. The composition of Claim 2 wherein polymeric resin is at least one member selected from the group consisting of aromatic polycarbonate and aromatic polyester carbonate.

5. The composition of claim 1 comprising

A) 40 to 99 parts by weight of polycarbonate and/or polyestercarbonate,

B) 1 to 40 parts by weight of impact strength modifier,

C) 0 to 30 parts by weight of vinyl(co)polymer and/or polyalkyleneterephthalate and

D) 0.5 to 30 parts by weight of phosphorous compound wherein the sum of the parts by weight of all components in the composition is 100.

6. The composition of Claim 1 in which the graft polymer (B) is composed of

B.1) 5 to 95 wt. % of one or more vinyl monomers grafted on

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B.2) 95 to 5 wt. % of one or more graft bases with a glass transition temperature of $< 10^{\circ}\text{C}$.

7. The composition of Claim 5 in which the graft polymer is present in an amount of 2 to 25 parts by wt.

8. The composition of Claim 1 comprising a phosphorus compound in an amount of 1 to 25 parts by wt.

9. The composition of claim 1 in which the vinyl(co)polymer (C) is composed of

50 to 99 wt. % of at least one of styrene, α -methyl styrene, p-methyl styrene, p-chlorostyrene and methacrylic acid($\text{C}_1\text{-C}_8$)-alkylates and 1 to 50 wt. % of at least one of vinyl cyanides, (meth)acrylic acid-($\text{C}_1\text{-C}_8$)-alkylate, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acids.

10. The composition of claim 6 in which monomers B.1 are mixture of

50 to 99 wt. % of at least one of styrene, α -methyl styrene, p-methyl styrene, p-chlorostyrene and methacrylic acid($\text{C}_1\text{-C}_8$)-alkylates and 1 to 50 wt. % of at least one of vinyl cyanides, (meth)acrylic acid-($\text{C}_1\text{-C}_8$)-alkylate, unsaturated carboxylic acids and derivatives of unsaturated carboxylic acid.

11. The composition of claim 6 in which the graft base B.2 is selected from at least one of diene rubbers, EP(D)M rubbers, acrylate rubbers, silicone rubbers, chloroprene rubbers, styrene/butadiene copolymers and styrene/isoprene copolymers.

12. The composition of claim 5 wherein the rubber free portion K consists of the rubber free portion of the vinyl(co)polymer in component B) and the vinyl(co)polymer which may be added as component C).

13. A molded article comprising the composition of Claim 1.

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